

ABSTRACT

In order to reliably avoid freezing in the generation stop state during intermittent operation, in the control device of the present invention that controls a fuel cell system to operate intermittently by switching between the generation state and the generation stop state of a fuel cell, it is determined whether to stop the generation operation during intermittent operation based on at least the temperature of a specific component that contains moisture from among the components constituting the fuel cell system. A valve, a passage, or a humidifier arranged on a flow path for a fuel gas or oxidizing gas may be selected as the specific component mentioned above.

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10 The temperature of the specific component is measured either directly by a temperature sensor provided corresponding to the specific component or indirectly based on either the operating state of the fuel cell system or the external air temperature.